

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
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**Complete if Known**

|                        |                            |
|------------------------|----------------------------|
| Application Number     | 10/579,113                 |
| Filing Date            | April 6, 2007              |
| First Named Inventor   | Richard Joseph Fagan       |
| Art Unit               | 1647                       |
| Examiner Name          | Shulamith H. Shafer, Ph.D. |
| Attorney Docket Number | C.R.116                    |

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**U.S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number<br>Number - Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant<br>of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|---|--------------------------------|--|---|
|                    | U1                    | US-7,622,555  | 11-24-2009                     | Davids <i>et al.</i>                               | All   |
|                    | U2                    | US-6,783,961  | 8-31-2004                      | Edwards <i>et al.</i>                              | All   |
|                    | U3                    | US-6,420,526  | 7-16-2002                      | Ruben <i>et al.</i>                                | All   |
|                    | U4                    | US-2004/0204352   | 10-14-2004                     | Davids <i>et al.</i>                               | All   |
|                    | U5                    | US-   |                                |  |   |
|                    | U6                    | US-   |                                |  |   |
|                    | U7                    | US-   |                                |  |   |
|                    | U8                    | US-   |                                |  |   |
|                    | U9                    | US-   |                                |  |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document<br>Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|--|--------------------------------|--|---|----------------|
|                    | F1                    |  |                                |  |   |                |
|                    | F2                    |  |                                |  |   |                |
|                    | F3                    |  |                                |  |   |                |
|                    | F4                    |  |                                |  |   |                |
|                    | F5                    |  |                                |  |   |                |
|                    | F6                    |  |                                |  |   |                |

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| Group Art Unit         | 1647                       |
| Examiner Name          | Shulamith H. Shafer, Ph.D. |
| Attorney Docket Number | C.R.116                    |

Sheet 2 of 3**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|--------------------|-----------------------|--|----------------|
|                    | R1                    | International Search Report in International Application No. PCT/GB2003/001851, October 28, 2003, pp. 1-6.   |                |
|                    | R2                    | SUGANO, <i>et al.</i> "NEDO human cDNA Sequencing project" Database Accession No. AK098396, pp. 1-2, September 14, 2006, XP-002259341.   |                |
|                    | R3                    | BATEY, R. G. <i>et al.</i> "Molecular Pathogenesis of T Lymphocyte-Induced Liver Injury in Alcoholic Hepatitis" <i>Frontiers in Bioscience</i> , July 1, 2002, pp. 1662-1675, Vol. 7.  |                |
|                    | R4                    | NORDMANN, Y. <i>et al.</i> "Human hereditary hepatic porphyrias" <i>Clinica Chimica Acta</i> , 2002, pp. 17-37, Vol. 325.  |                |
|                    | R5                    | VILCEK, J. "The Cytokines: an overview" <i>The Cytokine Handbook</i> , Chapter 1, 2003, pp. 1-18.  |                |
|                    | R6                    | NGO, J. T. <i>et al.</i> "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox" <i>The Protein Folding Problem and Tertiary Structure Prediction</i> , 1994, pp. 491-495.   |                |
|                    | R7                    | WELLS, J. A. "Additivity of Mutational Effects in Proteins" <i>Biochemistry</i> , September 18, 1990, pp. 8509-8517, Vol. 29, No. 37.  |                |
|                    | R8                    | BOWIE, J. U. <i>et al.</i> "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions" <i>Science</i> , 1990, pp. 1306-1310, Vol. 247.   |                |
|                    | R9                    | EDWARDS, J. B. D. M. <i>et al.</i> "Sequence tag and encoded human protein" Database Accession No. BD511416, August 27, 2002, p. 1, XP-002259339.  |                |
|                    | R10                   | MARKS, D. <i>et al.</i> "A review on the diagnosis, natural history, and treatment of familial hypercholesterolaemia" <i>Atherosclerosis</i> , 2003, pp. 1-14, Vol. 168.   |                |
|                    | R11                   | JU, G. <i>et al.</i> "Conversion of the interleukin 1 receptor antagonist into an agonist by site-specific mutagenesis" <i>Proc. Natl. Acad. Sci. USA</i> , April 1991, pp. 2658-2662, Vol. 88.  |                |
|                    | R12                   | TANG, Y. T. <i>et al.</i> "Isolated polypeptides for treatment of diseases, diagnostics, raising antibodies and research use" Database Accession No. AAM24238, October 12, 2001, p. 1, XP-002259341.   |                |

|                    |                 |
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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|-----------------------|--------------------------|--|----------------|
|                       | R13                      | Office Action dated December 9, 2004 in U.S. application Serial No. 10/706,691, filed November 12, 2003.   |                |
|                       | R14                      | Office Action dated September 23, 2005 in U.S. application Serial No. 10/706,691, filed November 12, 2003.   |                |
|                       | R15                      | Office Action dated December 27, 2006 in U.S. application Serial No. 10/706,691, filed November 12, 2003.  |                |
|                       | R16                      | Office Action dated June 6, 2007 in U.S. application Serial No. 10/706,691, filed November 12, 2003.   |                |
|                       | R17                      | Office Action dated March 14, 2008 in U.S. application Serial No. 10/706,691, filed November 12, 2003.   |                |
|                       | R18                      | Office Action dated December 23, 2008 in U.S. application Serial No. 10/706,691, filed November 12, 2003.  |                |
|                       | R19                      |  |                |
|                       | R20                      |  |                |
|                       | R21                      |  |                |
|                       | R22                      |  |                |
|                       | R23                      |  |                |
|                       | R24                      |  |                |

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